

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	854	423/447.?.ccls. (nanocarbon or nanotube or nanostructure or nanowire or nanorod or nanohorn)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/18 09:14
L2	22	423/447.?.ccls. (nanocarbon or nanotube or nanostructure or nanowire or nanorod or nanohorn) (recover\$ or collect\$) SAME (moisten\$ or quench\$ or wet\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/18 09:15
L3	1	423/447.?.ccls. (nanocarbon or nanotube or nanostructure or nanowire or nanorod or nanohorn) light SAME irradiat\$ SAME graphite (moisten\$ or wet\$ or quench\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/18 10:15
L4	7	423/447.?.ccls. (nanocarbon or nanotube or nanostructure or nanowire or nanorod or nanohorn) light SAME irradiat\$ SAME graphite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/18 10:15
L5	5	10-273308	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/18 10:22
L6	3	"10273308"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/18 10:22
S1	1	"10566579"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/12 13:39
S2	0	("2006/0237301").URPN.	USPAT	AND	ON	2008/09/12 13:39

## EAST Search History

S3	30	(moisten\$ OR spray\$) (nanocarbon OR "nanostructure carbon")	USPAT	AND	ON	2008/09/12 13:41
S4	0	((moisten\$ OR spray\$) (nanocarbon OR "nanostructure carbon")).clm.	USPAT	AND	ON	2008/09/12 13:41
S5	11	(moisten\$ OR spray\$) nanocarbon	USPAT	AND	ON	2008/09/12 13:42
S6	15507	(moisten\$ OR spray\$) carbon graphite	USPAT	AND	ON	2008/09/12 13:45
S7	6023	((moisten\$ OR spray\$) (carbon OR graphite)).clm.	USPAT	AND	ON	2008/09/12 13:46
S8	623	((moisten\$ OR spray\$) (carbon OR graphite)).clm. nano\$	USPAT	AND	ON	2008/09/12 13:46
S9	43	((moisten\$ OR spray\$) (carbon OR graphite)).clm. nano\$ (apparatus OR device OR invention).ti.	USPAT	AND	ON	2008/09/12 13:47
S10	86	((moisten\$ OR spray\$) (nanocarbon OR graphite)).clm. (apparatus OR device OR invention).ti.	USPAT	AND	ON	2008/09/12 13:51
S11	1	((moisten\$ OR spray\$ SAME recover\$) (nanocarbon OR graphite)).clm. (apparatus OR device OR invention).ti.	USPAT	AND	ON	2008/09/12 13:52
S12	18	((moisten\$ OR spray\$) SAME (nanocarbon OR graphite)).clm. (apparatus OR device OR invention).ti.	USPAT	AND	ON	2008/09/12 13:53
S13	121978	(moisten\$ OR spray\$) removal	USPAT	AND	ON	2008/09/12 13:59
S14	0	"ethanol atomization" spray	USPAT	AND	ON	2008/09/12 15:34
S15	0	"ethanol atomization"	USPAT	AND	ON	2008/09/12 15:34
S16	0	"ethanol atomiz\$"	USPAT	AND	ON	2008/09/12 15:34
S17	0	"ethanol atomiz\$"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/12 15:34
S18	38641	laser ablation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/12 15:35
S19	25	laser ablation nanocarbon\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/12 15:35
S20	0	("2006/0237301").URPN.	USPAT	AND	ON	2008/09/12 15:37

## EAST Search History

S21	2376	(nanocarbon\$ OR graphite) "laser ablation"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/12 15:47
S22	918	(nanocarbon\$ OR graphite) "laser ablation" spray\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/12 15:48
S23	25	"502".clas. (nanocarbon\$ OR graphite) "laser ablation" spray\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/12 15:51
S24	4	2000-159514	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 09:51
S25	2	"2000159514"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 09:52
S26	0	61-42318	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 09:56
S27	3	"6142318"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 09:56

## EAST Search History

S28	0	JP6142318	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 09:57
S29	0	JP61-42318	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 09:57
S30	0	JP61 "42318"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 09:58
S31	0	JP 61-42318	JPO	AND	ON	2008/09/15 09:58
S32	0	61-042318	JPO	AND	ON	2008/09/15 10:04
S33	23	MASAHIRO SATORU TSUTOMU	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 10:05
S34	0	JP61083712	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 10:07
S35	1	JP "61083712"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 10:07
S36	1	"200164004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 10:10

## EAST Search History

S37	12	"2001-64004"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 10:11
S38	17	nanocarbon generation recovery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:03
S39	38293	carbon generation recovery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:05
S40	388	fullerene generation recovery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:05
S41	174	fullerene generation recovery irradiat\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:06
S42	46	fullerene generation recovery irradiat\$.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:06
S43	17	fullerene generation recovery chamber.clm. irradiat\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:07

## EAST Search History

S44	34	fullerene generation recovery chamber.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:08
S45	13370	\$carbon.clm. generat\$ recover\$ chamber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:11
S46	8	nanocarbon.clm. generat\$ recover\$ chamber	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:12
S47	789	carbon (generat\$ AND recover\$ AND chamber).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:13
S48	21	(nanocarbon OR fulleren\$) (generat\$ AND recover\$ AND chamber).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:15
S49	4	2001-056330	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 11:24
S50	8259	(carbon OR nanocarbon OR fullerene OR graphite) generat\$ recover\$ chamber.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 12:56

## EAST Search History

S51	818	(carbon OR nanocarbon OR fullerene OR graphite) generat\$.clm. recover\$.clm. chamber.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 12:56
S52	123	(nanocarbon OR fullerene OR graphite) generat\$.clm. recover\$.clm. chamber.clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 12:57
S53	40	(nanocarbon OR fullerene OR graphite). clm. generat\$.clm. recover\$.clm. chamber. clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 12:57
S54	21	(nanocarbon OR fullerene OR graphite) "collecting chamber".clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:09
S55	3	"423".clas. (nanocarbon OR fullerene OR graphite) "collecting chamber".clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:09
S56	749	"423".clas. (nanocarbon OR fullerene OR graphite) ("collect\$ chamber".clm. OR recover\$.clm.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:10
S57	0	"423".clas. (nanocarbon OR fullerene OR graphite) ("collect\$ chamber".clm. OR "recover\$ chamber".clm.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:11

## EAST Search History

S58	8867	"423".clas. (nanocarbon OR fullerene OR graphite)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:11
S59	1658	"423".clas. (nanocarbon OR fullerene OR graphite) generation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:12
S60	432	"423".clas. (nanocarbon OR fullerene OR graphite) generation recovery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:12
S61	97	"423".clas. (nanocarbon OR fullerene OR graphite).clm. generation recovery	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:14
S62	391	"423".clas. (nanocarbon OR fullerene OR graphite).clm. generation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:19
S63	13	"423".clas. (nanocarbon OR fullerene OR graphite).clm. (generati\$ collect\$).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:19
S64	51	"423".clas. (nanocarbon OR fullerene OR graphite).clm. (CVD OR "laser ablation" or "arc discharge").clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:22



## EAST Search History

S65	9	"423".clas. (nanocarbon OR fullerene OR graphite).clm. (CVD OR "laser ablation" or "arc discharge").clm. (recover\$ OR collect\$).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/09/15 13:23
S66	2	("2001/0001654").URPN.	USPAT	AND	ON	2008/09/15 14:29
S67	6	"502".clas. (nanocarbon\$ OR graphite) "laser ablation" nanohorn	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2008/10/09 16:35
S68	33	nanocarbon.ti. apparatus.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 14:36
S69	4330	("423".clas. or "422".clas. or "432".clas. or "204".clas.) (nanocarbon or nanotube or nanohorn or fullerene or graphite).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 14:39
S70	603	("423".clas. or "422".clas. or "432".clas. or "204".clas.) (nanocarbon or nanotube or nanohorn or fullerene or graphite).clm. (apparatus or apparatuses or apparati or system).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 14:40
S71	22	("423".clas. or "422".clas. or "432".clas. or "204".clas.) (nanocarbon or nanotube or nanohorn or fullerene or graphite).clm. (apparatus or apparatuses or apparati or system).ti. recover\$ NEAR5 (chamber or unit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 14:40
S72	1	("423".clas. or "422".clas. or "432".clas. or "204".clas.) (nanocarbon or nanotube or nanohorn or fullerene or graphite).clm. (apparatus or apparatuses or apparati or system).ti. recover\$ NEAR5 (chamber or unit) SAME (wett\$ or moisten\$ or spray\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 14:41

## EAST Search History

S73	62	("423".clas. or "422".clas. or "432".clas. or "204".clas.) (nanocarbon or nanotube or nanohorn or fullerene or graphite).clm. (apparatus or apparatuses or apparati or system).ti. recover\$ SAME (chamber or unit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 14:42
S74	16	("423".clas. or "422".clas. or "432".clas. or "204".clas.) (nanocarbon or nanotube or nanohorn or fullerene or graphite).clm. (apparatus or apparatuses or apparati or system).ti. recover\$ SAME (chamber or unit) (spray\$ or moisten\$)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 14:43
S75	0	61-42318	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 15:27
S76	52	"61" "42318"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 15:27
S77	12	JP "61" "42318"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 15:27
S78	3	"6142318"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 15:29
S79	2	"61042318"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/03/16 15:29